BRUHAT BANGALORE MAHANAGARA PALIKE
Byatarayanapura Division
Comparitive Statement

Name of Work Improvements to Roads And Drains at Palannahalli Chokkanahalli Vinayakanagara Dwarakanagara and Surrounding area in ward No-05 Byatarayanapura Sub Division Package-01

Estimate Amount 11,00,00,000/-
Name of Contractor Sri S.Sathish No.218, 2nd Cross, Nagasandra, Basavanagudi, Bangalore-560028.
Approved Amount 10,43,26,103.11 (Including GST)
Tender Premium 1%

Sl No	Description of Work	Unit	Qty as per Schedule B			Total Qty Executed	Qty as per Actuals upto 125%			Qty as per Actuals Above 125%			Total		Difference		Remarks
			Qty	Rates	Amount		Qty	Rates	Amount	Qty	Rates	Amount	Qty	Amount	Excess	Savings	
1	2	3	4	8	9	10	11	12	13	14	15	16	10	17	18	19	20
1	KSRRB300-1. Earthwork excavation by manual means for Drains and similar works in ordinar soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods completed as per specifications.	Cum	7442.28	213.9079	1591962.49	7441.99	7441.99	213.9079	1591900.45	0.00	213.9079	0.00	7441.99	1591900.45		62.03	
2	Removing & Refixing Stone slabs of drains and pointing in CM (1:3) Complete as per specification and direction of the engineer in-charge of the work.	Sqm	6286.41	112.4130	706674.21	6285.66	6285.66	112.4130	706589.90	0.00	112.4130	0.00	6285.66	706589.90		84.31	
3	Removing and resetting of footpath slabs complete as per specification and direction of the engineer in-charge of the work	Sqm	45.00	210.9082	9490.87	330.30	56.25	210.9082	11863.59	274.05	210.9082	57799.39	330.30	69662.98	60172.11		
4	Providing Granite Slabs of selected quality Roughly dressed and fixed in cement mortor (1:6) including fixing curing etc., complete 7.5 cms thick complete as per specification and direction of the engineer in-charge of the work.	Sqm	698.48	749.4200	523454.88	697.11	697.11	749.4200	522428.18	0.00	749.4200	0.00	697.11	522428.18		1026.71	
5	Plain cement concrete M10 mix with crushed stone aggregates 40mm nominal size mechanically mixed, placed in foundation and compacted by vibration including curing including cost of materials, labour,HOM completed as per specifications	Cum	15.12	4524.3556	68408.26	14.69	14.69	4524.3556	66462.78	0.00	4524.3556	0.00	14.69	66462.78		1945.47	
6	Providing and Constructing granite /trap/basalt size stone masonry in foundation with cement mortor and stone hammered dressed in courses not less than 20Cms high bond stones at 2m apart in each course including cost of materials. Labours HOM, curing complete as per specification and direction of the engineer in-Charge of the work.	Cum	29.16	4920.4776	143481.13	28.17	28.17	4920.4776	138609.85	0.00	4920.4776	0.00	28.17	138609.85		4871.27	
7	Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.69Cum and fine aggregates @ 0.459 Cum machine mixed concrete laid in layers not exceeding 15 cms thick well compacted for coping including cost of all materials labour HOM Curing complete as per specifications and direction of the engineer in-charge of the work	Cum	6.48	5655.9798	36650.75	0.00	0.00	5655.9798	0.00	0.00	5655.9798	0.00	0.00	0.00		36650.75	
8	Providing and laying in position plain/ Reinforced cement concrete M20 for sub structure/superstructure works, with cement @ 320kgs 20mm & down size graded granite metal course aggregates @ 0.69 Cum and fine aggregates @ 0.46cum Machine mix complete as per specification and direction in charge of the work	Cum	40.32	5330.5174	214926.46	39.71	39.71	5330.5174	211674.85	0.00	5330.5174	0.00	39.71	211674.85		3251.62	
9	KSRRB M2200-6. Providing TMT Bars Fe 500 steel reinforcement for RCC work including Straightening, cutting, bending, hooking, placing in position, lapping and/or welding whereever required, tying with binding wire and anchoring to the adjoining members whereever necessary completed as per design ans specification.	Tonnes	3.22	73050.2500	235221.81	3.17	3.17	73050.2500	231569.29	0.00	73050.2500	0.00	3.17	231569.29		3652.51	

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10	Providing and fixing RCC precast cover slab of 250mm thick made out of CC 1:2:4 and jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing and the directions of Engineer in-charge.	Sqm	239.40	5472.1800	1310039.89	239.13	239.13	5472.1800	1308562.40	0.00	5472.1800	0.00	239.13	1308562.40		1477.49	
11	KSRRB M300-14.Excavation for roadwork in all types of soil by machinical means including cutting and loading to tippers, trimming bottomand sides slopes in accordance with requirments of lines grades and cross sections and transportations withn alead of 1 00km and complete as per specifications. MORTH Specification no.301 and 4kms lead for disposal	Cum	19609.50	54.8531	1075641.86	20944.11	20944.11	54.8531	1148849.36	0.00	54.8531	0.00	20944.11	1148849.36	73207.50		
12	KSRRB M400-17. Providing, Laying, Spreading and Compacting cushed stone aggregates of granite/ trap/basalt to wetmix macadam specifications including pre mixing the materials with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base /base coarse on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specification.	Cum	16341.30	2021.2928	33030552.03	17762.45	17762.45	2021.2928	35903112.30	0.00	2021.2928	0.00	17762.45	35903112.30	2872560.26		
13	Providing and applying primer coat with S.S bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications. clause 502 of MORTH V revision.	Sqm	65365.00	28.9062	1889453.76	72594.02	72594.02	28.9062	2098417.26	0.00	28.9062	0.00	72594.02	2098417.26	208963.50		
14	Cleaning the existing black topped surface with Sqm brooms soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous treatment including cost of all materials, labour, HOM complete as per specifications.clause 502 of MORTH V revision.	Sqm	49632.00	5.3530	265680.10	38695.72	38695.72	5.3530	207138.19	0.00	5.3530	0.00	38695.72	207138.19		58541.91	
15	Providing and applying tack coat using 80/100 grade Sqm bitumen(VGIO) in boiler fitted with spray set distributor at the rate of 0.25 kg per Sqm on the existing prepared bituminous surface cleaned with mechanical broom, complete as per specifications. clause 503 of MORTH V revision.	Sqm	150845.00	12.8472	1937935.88	112740.25	112740.25	12.8472	1448396.54	0.00	12.8472	0.00	112740.25	1448396.54		489539.34	
16	Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, lavel and allignment, rolling with smooth wheeled, vibratory and tandom rollers to achieve the desired compaction as per MORTH table 500-10 Complete in all respects compete as per specifications MORTH specification No. 507, using 100/120 TPH capacity HMP with sensor paver Gr-II (50mm to 75mm) with 4.5 % VG-30 Bitumen.	Cum	1794.25	6663.4144	11955831.29	3401.10	2242.81	6663.4144	14944789.11	1158.29	6663.4144	7718166.27	3401.10	22662955.37	10707124.09		
17	providing and laying bituminous concrete 40mm thick with hot mix plant, using 40-60 TPH capacity HMP with mechanical paver grading II (30-45mm) with 5.4% of modified bituminous binder consisting of 4.97% of VG-30 bitumen(60/70 grade) and 0.43% of plastomeric thermoplastics (waste plastic) crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site laying with a paver finisher to required grade level and allignment rooling with smooth wheeled vibratory and tandem rollers to achive the desired compaction in all respects complete as per specifications	Cum	4598.38	7831.4390	36011932.47	2901.14	2901.14	7831.4390	22720100.94	0.00	7831.4390	0.00	2901.14	22720100.94		13291831.53	

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18	Road marking with hot applied thermoplastic compound with reflectrising glass beads on bituminous surface / concrete surface : providing and laying of hot applied thermo plastic compound 2.5mm thick including reflectorising glass beads at 250gms per sqm area thickness of 2.5mm is exclusive of surface applied glass beads as per IRC:35 standards specified complete as per specifications.	Sqm	4661.50	459.2874	2140968.22	4587.47	4587.47	459.2874	2106967.17	0.00	459.2874	0.00	4587.47	2106967.17		34001.05	
	Sub Total				93148306.35				85367432.16			7775965.66		93143397.81	13922027.45	13926935.99	
	Miscellaneous & Rounding off													4908.54	4908.54		
	Total													93148306.35	13926935.99	13926935.99	

Contractor

Assistant Engineer

Asst, Executive Engineer

Executive Engineer

ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು,
ಬ್ಯಾಟರಾಯನಪುರ ವಿಭಾಗ,
ಬೃ.ಬೆ.ಮ.ಪಾ, ಬೆಂಗಳೂರು.

ಮುಖ್ಯ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

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